# Mouse VCL/Vinculin (His Tag) recombinant protein

Catalog Number: 502416



## **General Information**

## **Gene Name Synonym**

Metavinculin

# **Protein Construction**

A DNA sequence encoding the mouse VCL (NP\_033528.3) (Met1-Gln1066) was expressed with a C-terminal polyhistidine tag.

# **Organism**

Mouse

# **Expression Host**

**Human Cells** 

# **QC Testing**

## **Purity**

> 90 % as determined by SDS-PAGE

#### **Endotoxin**

< 1.0 EU per  $\mu g$  of the protein as determined by the LAL method

## **Stability**

Samples are stable for up to twelve months from date of receipt at -70°C

## Predicted N terminal

Met

#### **Molecular Mass**

The recombinant mouse VCL comprises 1077 amino acids and has a predicted molecular mass of 118.2 kDa. The apparent molecular mass of the protein is approximately 118 kDa in SDS-PAGE under reducing conditions.

#### **Formulation**

Lyophilized from sterile PBS, pH 7.4.

- 1. 5 % trehalose and mannitol are added as protectants before lyophilization.
- 2. Please contact us for any concerns or special requirements.

# **Usage Guide**

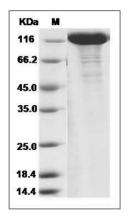
#### Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

#### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

#### **SDS-PAGE**



Mouse VCL / Vinculin Protein (His Tag) SDS-PAGE